

AMENDMENTS TO THE ABSTRACT

Kindly replace the original Abstract with the enclosed Abstract.

ABSTRACT OF THE DISCLOSURE(clean copy)

The present invention has an object of improving wear resistance of a thrust bearing portion. A pressure is generated by a dynamic pressure effect of a lubricating oil in a thrust bearing gap between a thrust bearing surface including dynamic pressure generating grooves and a smooth thrust receiving surface so as to rotatably support a shaft member in an axial direction. The thrust receiving surface is formed as a flat surface, whereas an inclined plane is provided on the thrust bearing surface so as to provide a reduced portion having a decreasing axial width in a radially outward direction in the thrust bearing gap.

ABSTRACT OF THE DISCLOSURE(mark-up)

The present invention has an object of improving wear resistance of a thrust bearing portion. A pressure is generated by a dynamic pressure effect of a lubricating oil in a thrust bearing gap ϵ between a thrust bearing surface $11a$ including dynamic pressure generating grooves and a smooth thrust receiving surface $11b$ so as to rotatably support a shaft member 2 in an axial direction. The thrust receiving surface $11b$ is formed as a flat surface, whereas an inclined plane 17 is provided on the thrust bearing surface $11a$ so as to provide a reduced portion 15 having a decreasing axial width in a radially outward direction in the thrust bearing gap ϵ .